

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**



FIG. 1

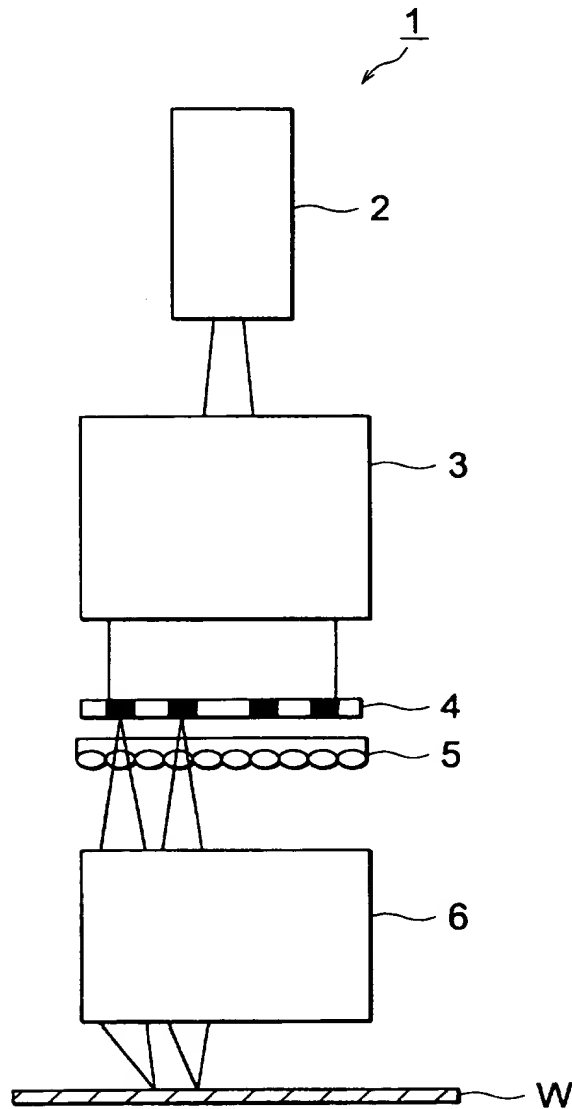




FIG. 2

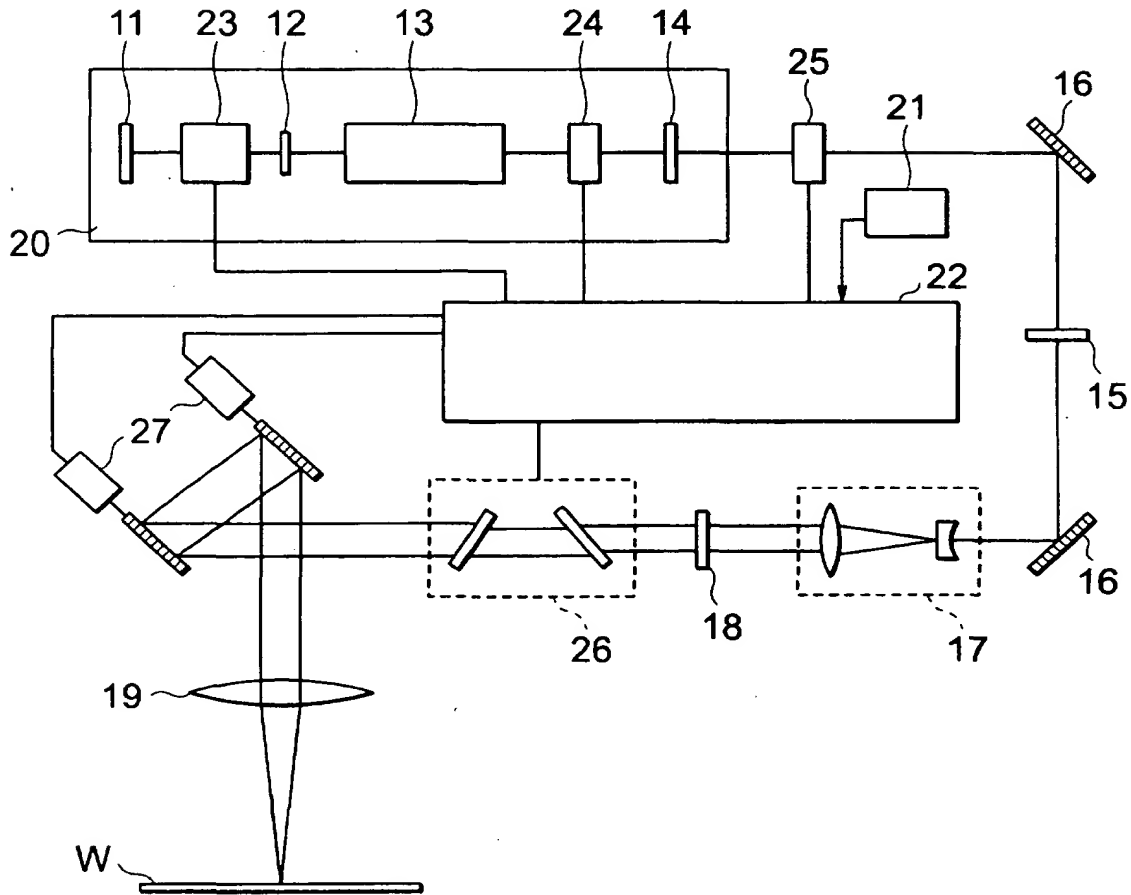




FIG. 3

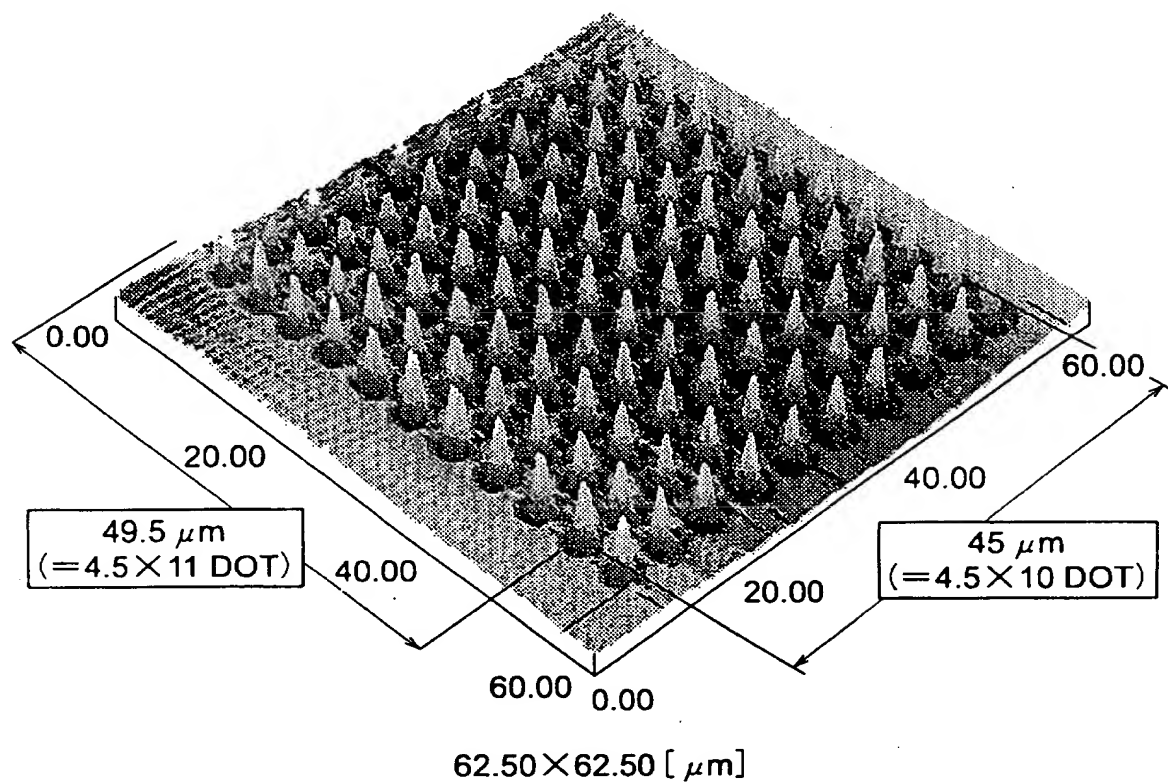


FIG. 4

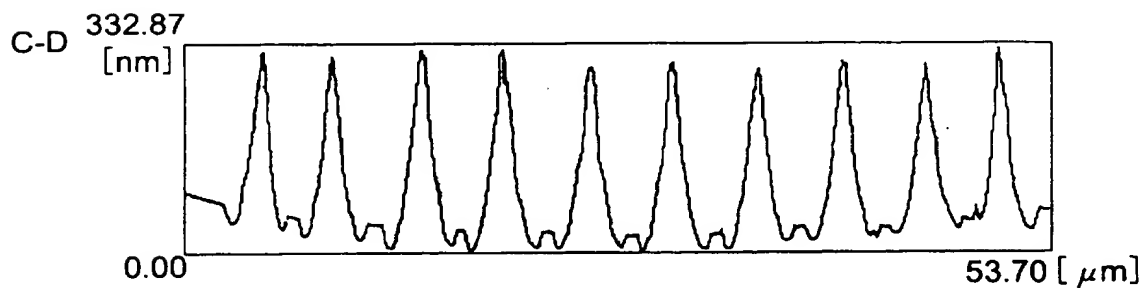




FIG. 5A

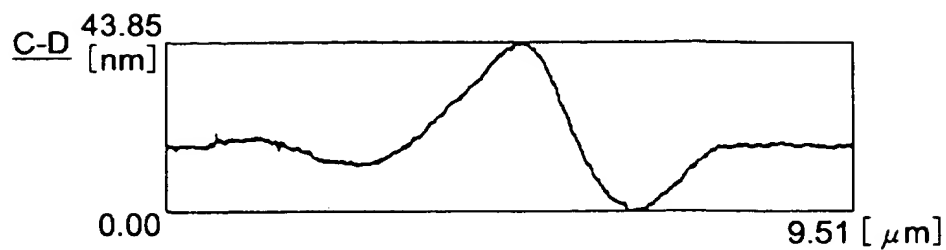


FIG. 5B

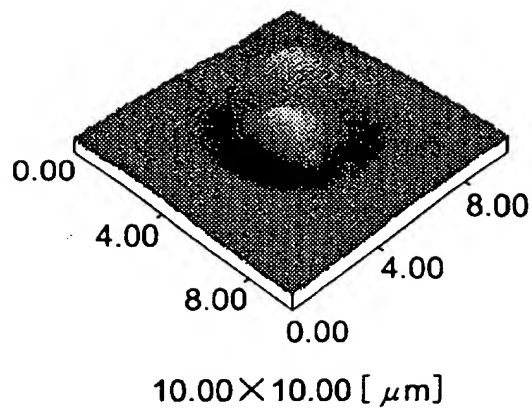




FIG. 6A

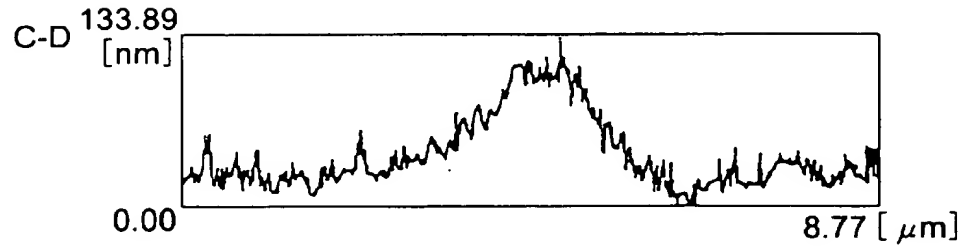


FIG. 6B

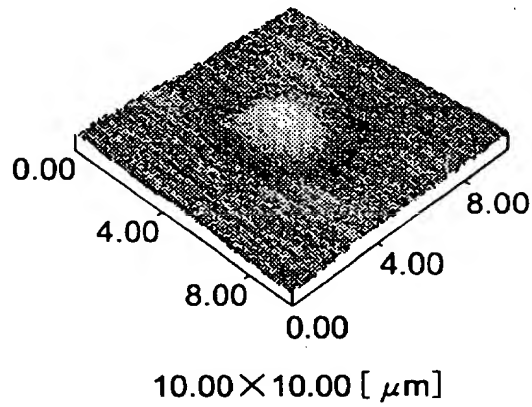




FIG. 7A

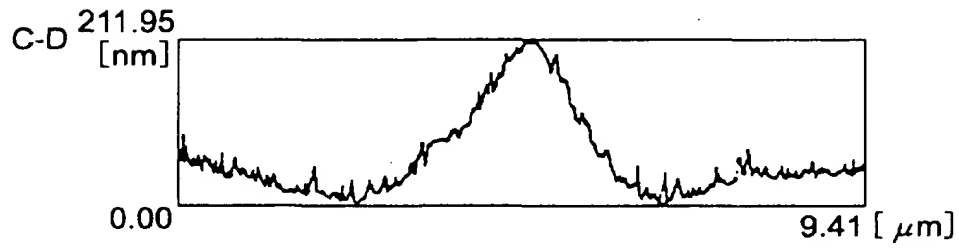
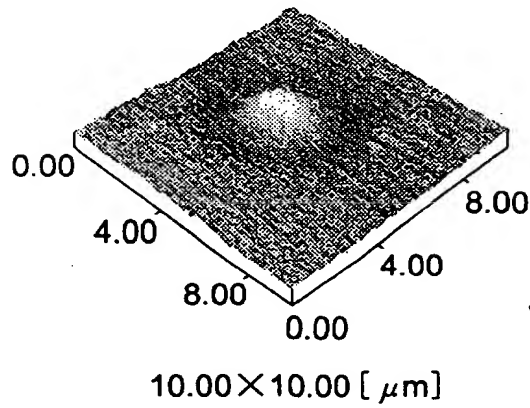


FIG. 7B



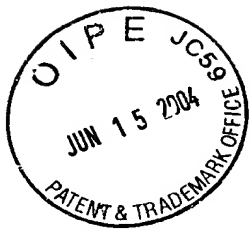


FIG. 8A

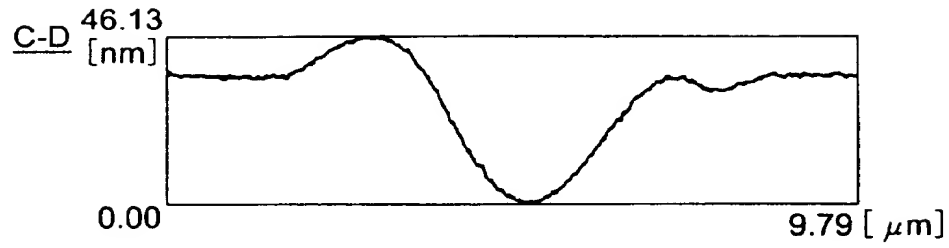


FIG. 8B

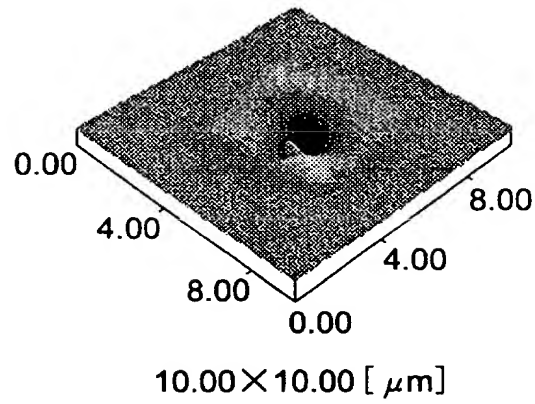




FIG. 9A



FIG. 9B

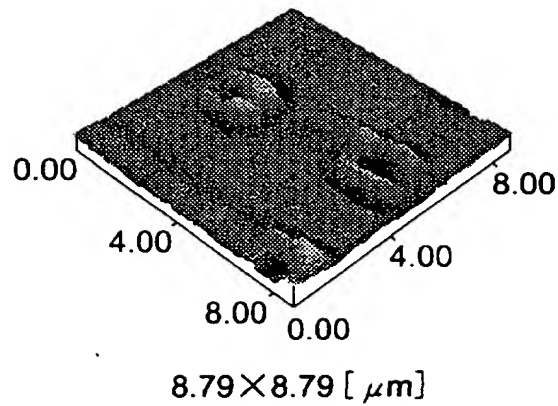




FIG. 10A

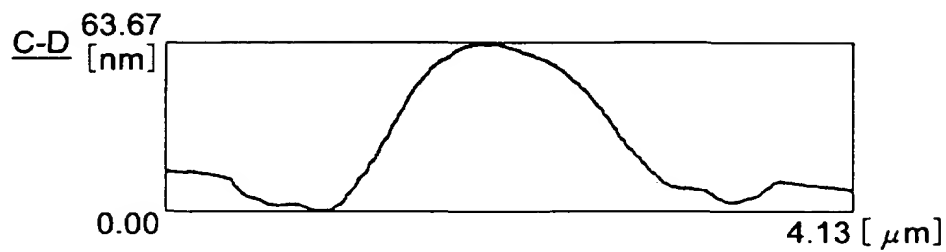


FIG. 10B

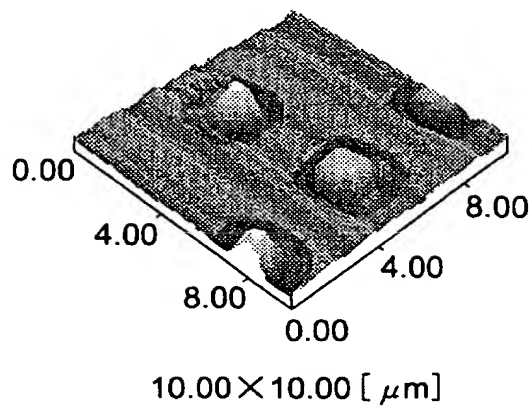




FIG. 11A

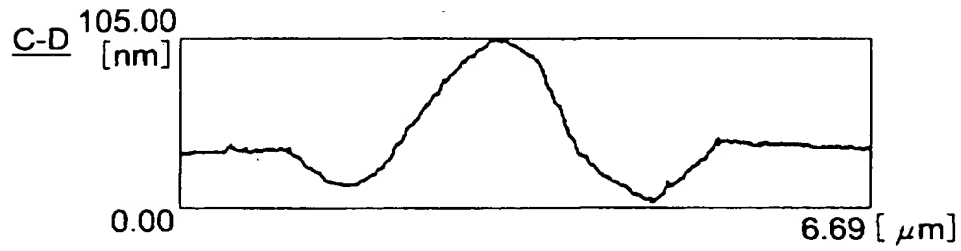


FIG. 11B

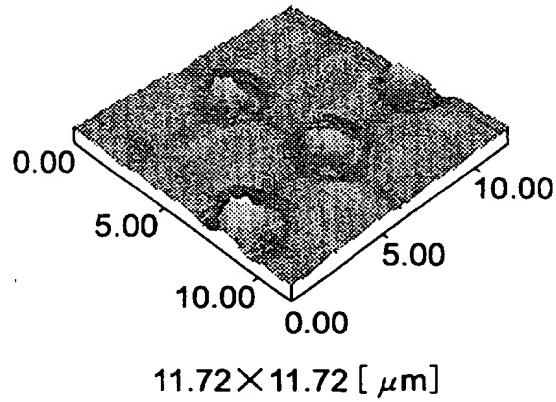




FIG. 12A

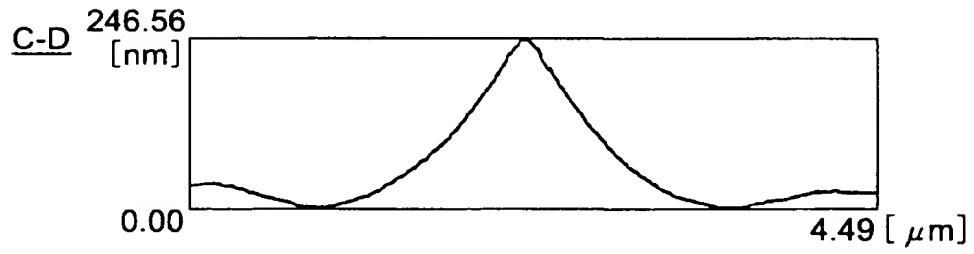


FIG. 12B

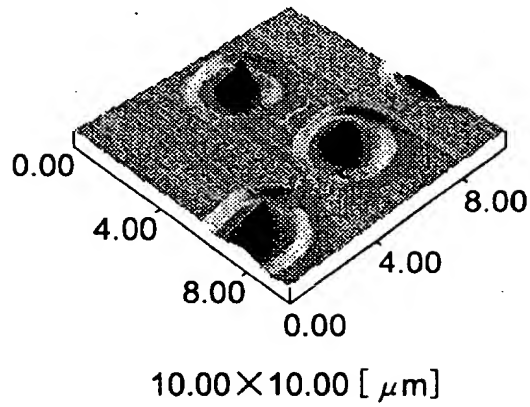




FIG. 13A

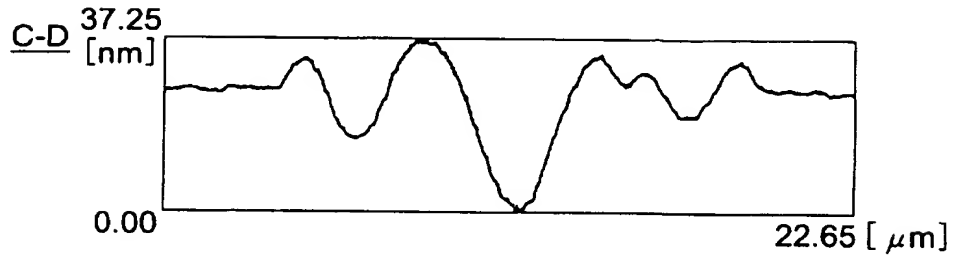


FIG. 13B

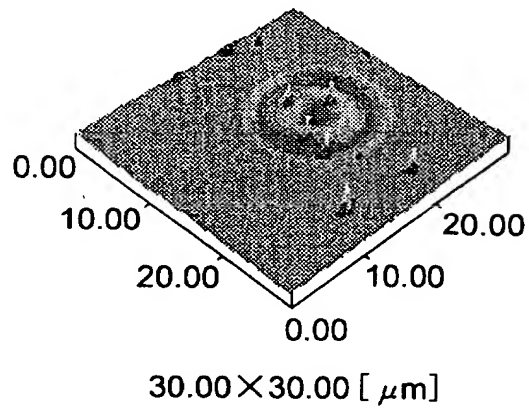




FIG. 14A

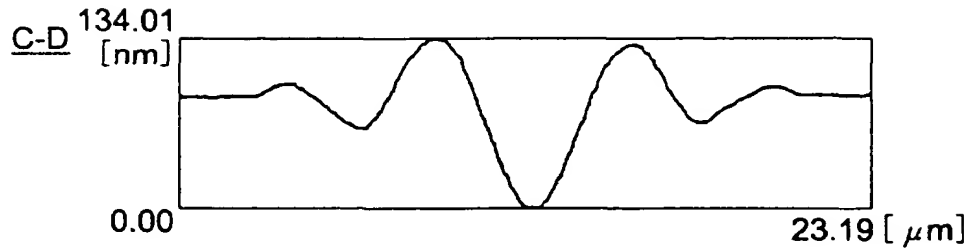


FIG. 14B

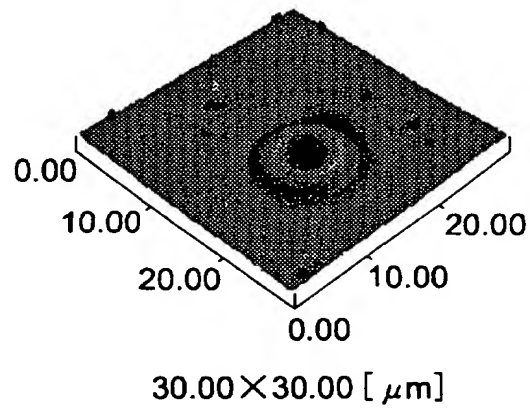




FIG. 15A

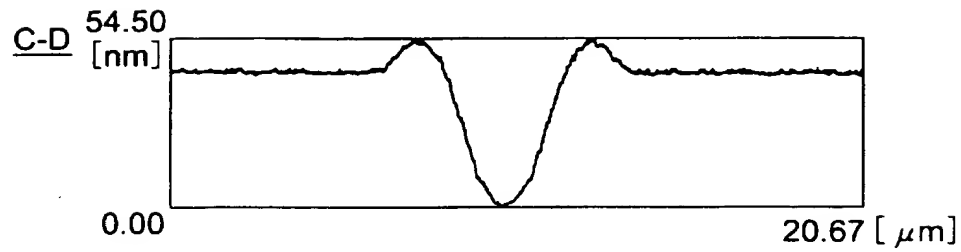


FIG. 15B

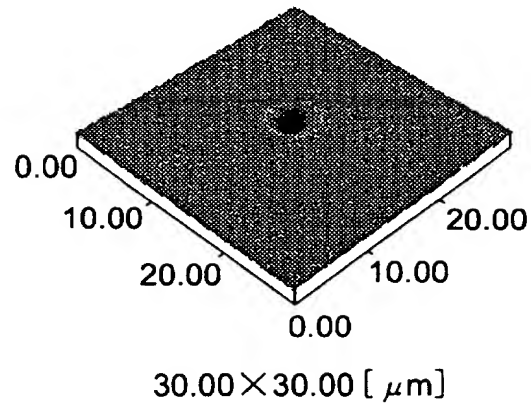




FIG. 16A

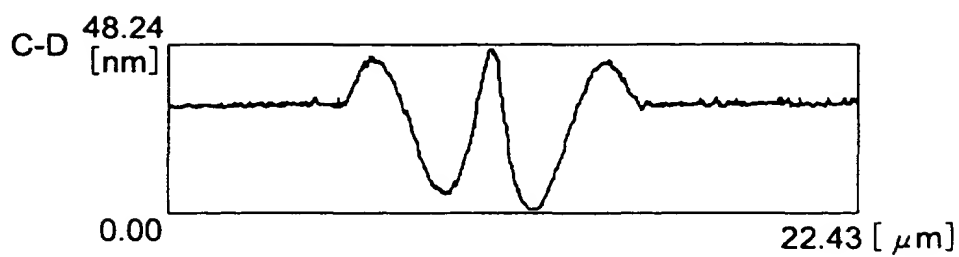


FIG. 16B

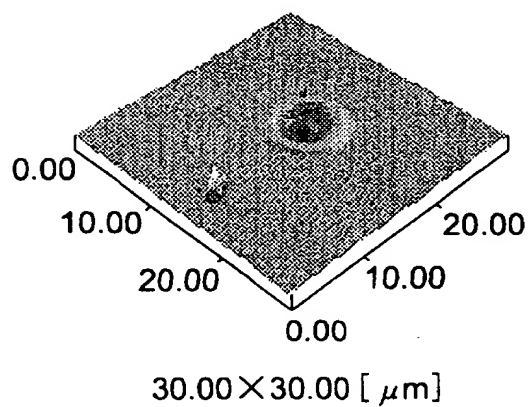




FIG. 17A

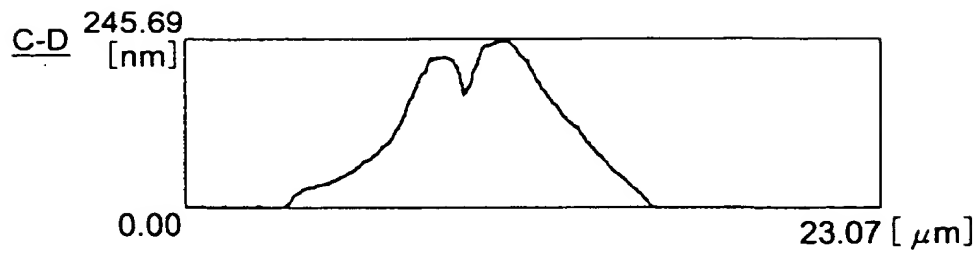
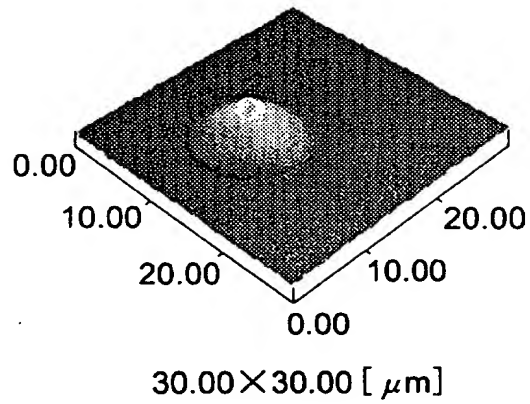


FIG. 17B



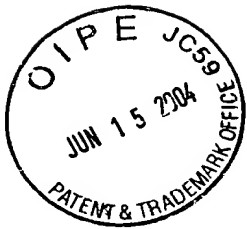


FIG. 18

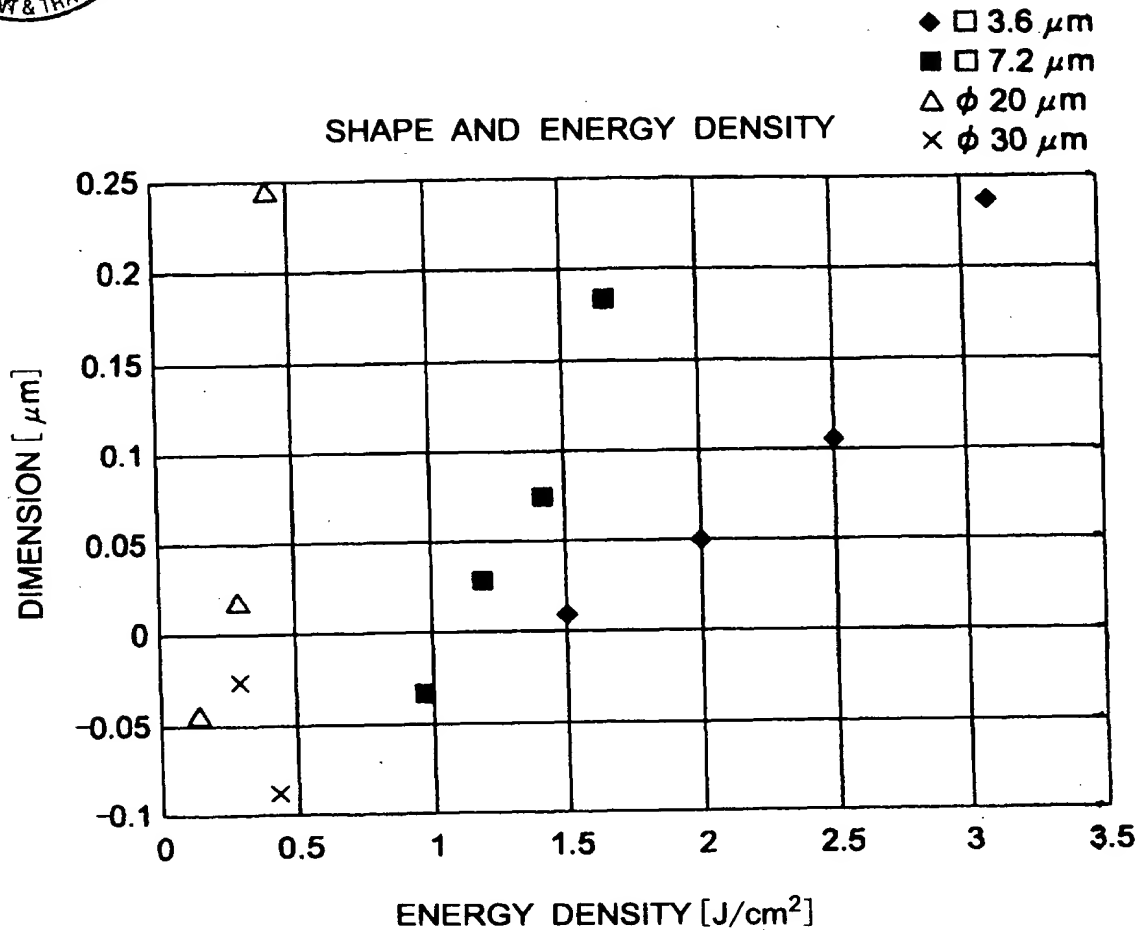


FIG. 20

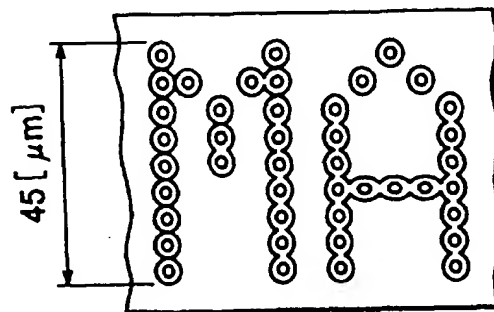




FIG. 19

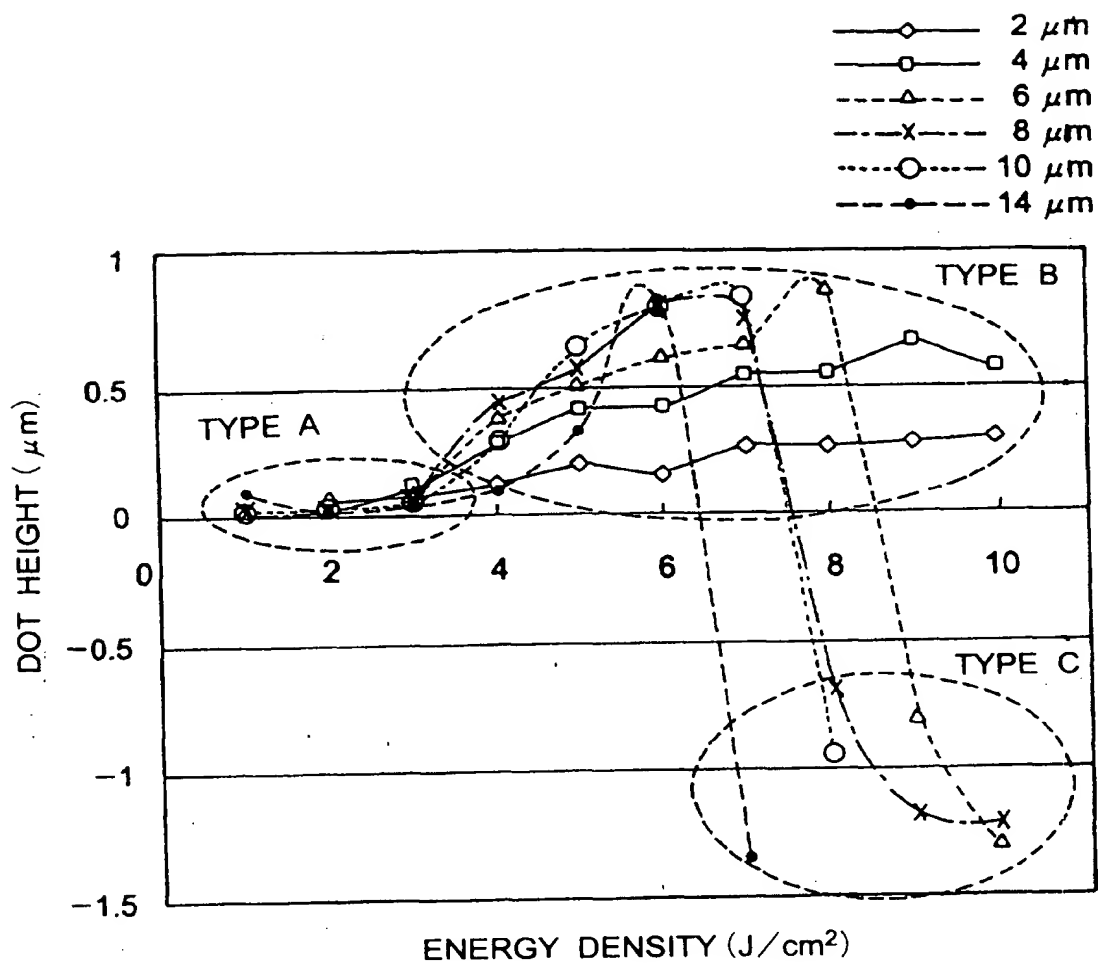




FIG. 21

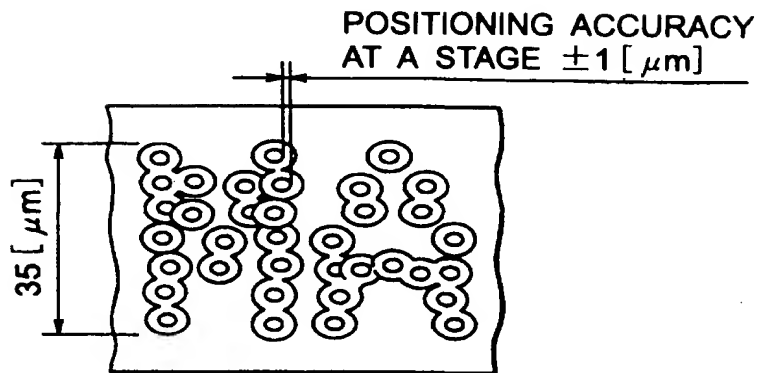


FIG. 22

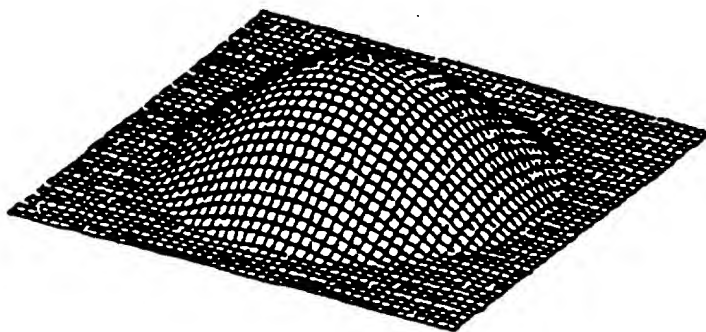




FIG. 23

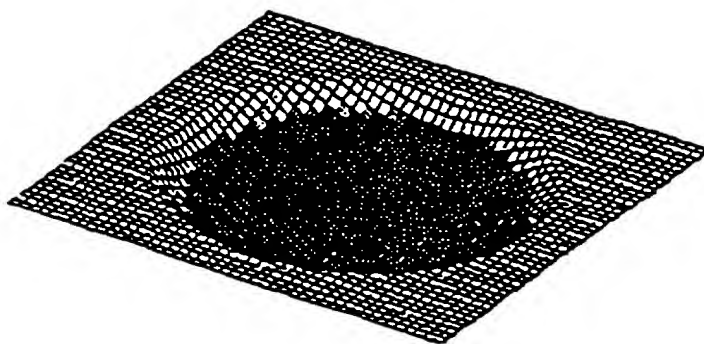


FIG. 24

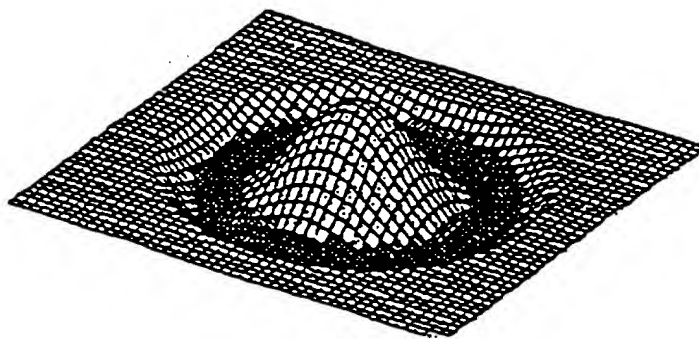




FIG. 25

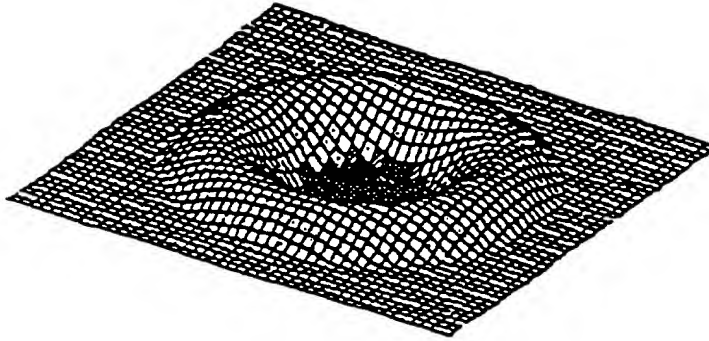


FIG. 26

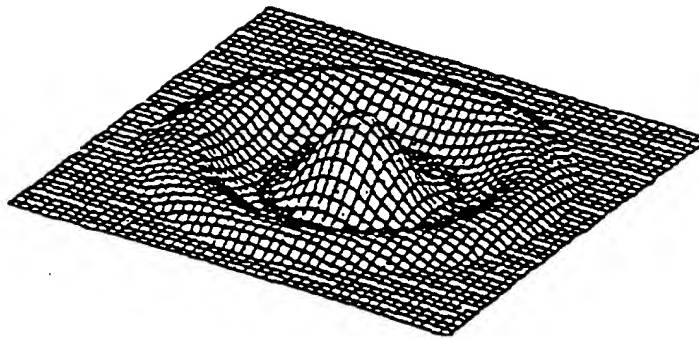




FIG. 27

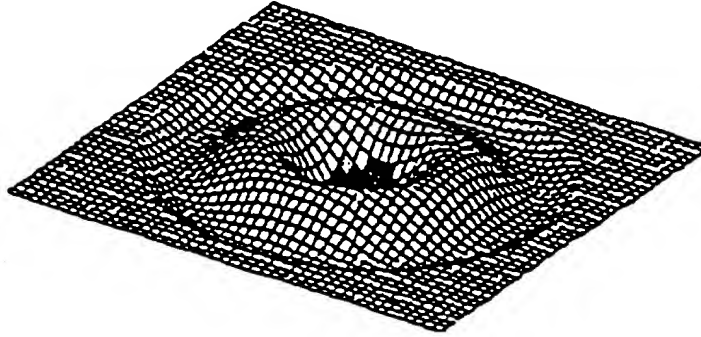


FIG. 28

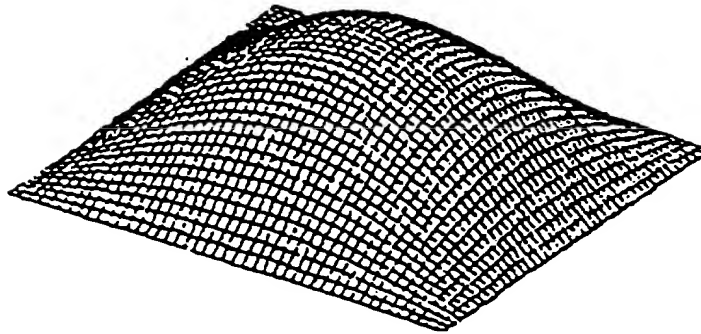




FIG. 29

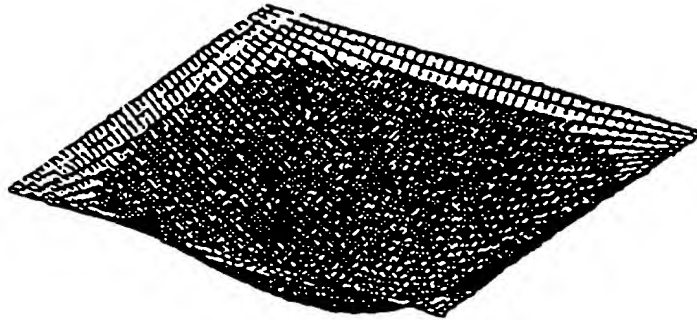


FIG. 30

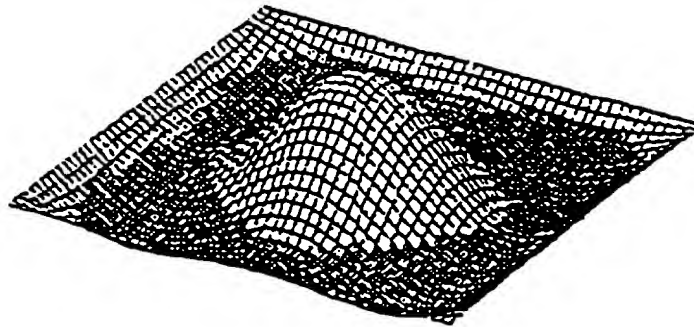


FIG. 31

